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impairment [or enhancing memory performance] in a mammal in need thereof, which comprises administering to said mammal an effective amount of an N-heterocyclic ring compound containing a carboxylic acid or carboxylic acid isostere moiety thereof attached to the 2-carbon of the N-heterocyclic ring,

wherein the nerve-related vision disorder is selected from the group consisting of the following:

visual impairments;
orbital disorders;
disorders of the lacrimal apparatus;
disorders of the eyelids;
disorders of the conjunctiva;
disorders of the cornea;
cataract;
disorders of the uveal tract;
disorders of the retina;
disorders of the optic nerve or visual pathways;
free radical induced eye disorders and diseases;
immunologically-mediated eye disorders and diseases;
nerve-related physical injury affecting vision [eye injuries];

nerve-related symptoms and complications of eye disease, nerve-related symptoms and complications of eye disorders

and